

The Mathematical Intelligencer Index

Volume 18

Authors

- Acker, Felipe.** The Missing Link. (3) 4-9.
- Aebi, Robert.** Schrödinger's Time-Reversal of Natural Laws. (2) 62-67.
- Apéry, François.** Rober Apéry, 1916-1994: A Radical Mathematician. (2) 54-61.
- Askey, Richard, and Nevai, Paul.** Gabor Szegő: 1895-1985. (3) 10-22.
- Aslaksen, Helmer.** Quaternionic Determinants. (3) 57-65.
- Beardon, A.F.** Symmetries of Julia Sets. (1) 43-44.
- Bodden, Ilona.** Evariste Galois (Endbetrag). (4) 34.
- Booss-Bavnbek, Bernhelm.** Bernhelm Booss-Bavnbek Replies. (1) 6.
- Borwein, J., Borwein, P., Girgensohn, R., and Parnes, S.** Making Sense of Experimental Mathematics. (4) 12-18.
- Borwein, P.,** see Borwein, J., Borwein, P., Girgensohn, R., and Parnes, S. (4) 12-18.
- Bretterbauer, Kurt.** Translation of "Evariste Galois (Sum Total)", by Ilona Bodden. (4) 34.
- Chern, Shiing-shen.** Remarks on Hilbert's 23rd Problem. (4) 7-8.
- Ciesielski, Krzysztof, and Pogoda, Zdzisław.** The Beginning of Polish Topology. (3) 32-39.
- Coxeter, H.S.M.,** The Trigonometry of Escher's Woodcut "Circle Limit III". (4) 42-46.
- Davis, Chandler.** Which Is to Be Master IV. (2) 37.
- Diacu, Florin.** The Solution of the n -body Problem. (3) 66-70.
- Donnelly, Keith E.,** Poincaré, Einstein, Whittaker. (2) 4.
- Dorfleitner, Gregor, and Klein, Thomas.** Renaissance Area-Fillings in the City Hall of Augsburg. (2) 48-51.
- Dubinsky, Ed, and Noss, Richard.** Some Kinds of Computers for Some Kinds of Learning: A Reply to Koblit. (1) 17-20.
- Flood, Raymond, and Wilson, Robin.** Stamp Corner. (3) 80.
- Gale, David.** Mathematical Entertainments. (3) 23-27.
- Gale, David, and Golomb, Solomon W.** Mathematical Entertainments. (2) 38-47.
- Gale, David, and Misiurewicz, Michał.** Mathematical Entertainments. (4) 29-34.
- Gale, David, and Newman, D.J.** Mathematical Entertainments. (1) 31-34.
- Gauthier, Paul.** Not a Word. (1) 7.
- Gerow, Ken, and Holbrook, John.** Statistical Sampling and Fractal Distributions. (2) 12-22.
- Girgensohn, R.,** see Borwein, J., Borwein, P., Girgensohn, R., and Parnes, S. (4) 12-18.
- Golomb, Solomon W.,** see Gale, David, and Golomb, Solomon W. (2) 38-47.
- Götze, Heinz.** Visit to Hua Loo-Keng. (1) 7.
- Gray, Jeremy J.** Many-valued Logics. (2) 25.
- Gray, Jeremy J.** Enriques and the Popularisation of Mathematics. (4) 51-54.
- Haas, Robert.** Verbum 5 Advanced Word Processing System. (2) 47.
- Hannabuss, Keith.** Forgotten Fractals. (3) 28-31.
- Hargittai, István.** Sacred Star Polyhedron. (3) 52-54.
- Hargittai, István.** Lifelong Symmetry: A Conversation with H.S.M. Coxeter. (4) 35-41.
- Hargittai, István, and Hargittai, Magdolna.** Stamp Corner. (2) 78-79.
- Hargittai, Magdolna,** see Hargittai, István and Hargittai, Magdolna. (2) 78-79.
- Helmberg, Gilbert, and Sigmund, Karl.** Nestor of Mathematicians: Leopold Vietoris Turns 105. (4) 47-50.
- Holbrook, John,** see Gerow, Ken, and Holbrook, John. (2) 12-22.
- Horowitz, David.** The English Hammer-Beam Roof. (4) 61-64.
- Huylebrouck, D.** The Bone that Began the Space Odyssey. (4) 56-60.
- Huylebrouck, Dirk.** The π -Room in Paris. (2) 51-53.
- Huylebrouck, Dirk.** Simon Stevin's Stature. (3) 55-56.
- Itenberg, Ilia, and Viro, Oleg.** Patchworking Algebraic Curves Disproves the Ragsdale Conjecture. (4) 19-28.
- Kantor, Jean-Michel.** Hilbert's Problems and Their Sequels. (1) 21-30.
- Klein, Thomas,** see Dorfleitner, Gregor, and Klein, Thomas. (2) 48-51.
- Koblitz, Neal.** The Case Against Computers in K-13 Math Education (Kindergarten through Calculus). (1) 9-16.
- Kuo, K.H.** Penrose Tiling in Helsinki and Tokyo. (4) 65.
- Kullman, David.** Penrose Tiling at Miami University. (4) 66.
- Lambek, J.** Corrigenda to "Quaternions in Physics." (3) 3.
- Lambek, J.** Number Words and Language Origins. (4) 69-72.
- Lau, Eike, and Schleicher, Dierk.** Symmetries of Fractals Revisited. (1) 45-51.
- Lenstra, H.W.,** see Stevenhagen, P., and Lenstra, H.W. (2) 26-37.
- Machover, Maurice.** Epitaphs of Famous Mathematicians. (4) 6.
- Misiurewicz, Michał,** see Gale, David, and Misiurewicz, Michał. (4) 29-34.
- Mühlhausen, Elisabeth.** A Walk Around Leibniz. (1) 52-56.
- Nevai, Paul,** see Askey, Richard, and Nevai, Paul. (3) 10-22.
- Newman, D.J.,** see Gale, David, and Newman, D.J. (1) 31-34.
- Noss, Richard,** see Dubinsky, Ed, and Noss, Richard. (1) 17-20.
- Octavio, Alfredo.** Report on the Zurich Congress. (3) 3.
- Octavio, Alfredo.** The "Indexed" Theorem. (4) 9-11.
- Parnes, S.,** see Borwein, J., Borwein, P., Girgensohn, R., and Parnes, S. (4) 12-18.
- Peterson, S.P.** Unintended Consequences. (4) 6.
- Pogoda, Zdzisław,** see Ciesielski, Krzysztof, and Pogoda, Zdzisław. (3) 32-39.
- Rankin, Robert A.** More on Maclaurin. (2) 5.
- Rice, Adrian.** Augustus De Morgan (1806-1871). (3) 40-43.
- Rota, Gian-Carlo.** Light Shadows: Remembrances of Yale in the Early Fifties. (3) 44-51.
- Rudolph, Lee.** Frobenius: A Sesquilogue. (2) 68-70.
- Schappacher, Norbert, and Scholz, Erhard.** How to Write about Teichmüller. (1) 5-6.
- Schappacher, Norbert, and Schoof, René.** Beppo Levi and the Arithmetic of Elliptic Curves. (1) 57-69.
- Schleicher, Dierk,** see Lau, Eike, and Schleicher, Dierk. (1) 45-51.
- Scholz, Erhard,** see Schappacher, Norbert, and Scholz, Erhard. (1)

5-6.

- Schoof, René**, see Schappacher, Norbert, and Schoof, René. (1) 57-69.
Schroeder, Manfred. More on Magnus. (1) 7.
Scimone, Aldo. Il Circolo Matematico di Palermo. (1) 6.
Senchal, Marjorie. New Column on the Way. (4) 5.
Sheng, Xiang, and Spurr, Michael J.

- Symmetries of Fractals. (1) 35-42.
Sigmund, Karl, see Helmberg, Gilbert, and Sigmund, Karl. (4) 47-50.
Spurr, Michael J., see Sheng, Xiang, and Spurr, Michael J. (1) 35-42.
Stein, S.K. Exactly How Did Newton Deal with His Planets? (2) 6-11.
Stevenhagen, P., and Lenstra, H.W. Chebotarëv and his Density Theo-

- rem. (2) 26-37.
Treil, Serguei. America in the 1990s. (3) 25.
Tuynman, Gijs M. Numerology. (2) 5.
Viro, Oleg, see Itenberg, Ilia, and Viro, Oleg. (4) 19-28.
Wilson, Robin. Stamp Corner. (1) 80.
Wilson, Robin. Stamp Corner. (4) 80.
Wilson, Robin, see Flood, Raymond, and Wilson, Robin. (3) 80.

Reviews

- Acton, Forman S.** Real Computing Made Real: Preventing Errors in Engineering and Scientific Calculations. Reviewed by Jet Wimp. (4) 74-75.
Ambrosetti, A., and Prodi, G. A. Primer on Nonlinear Analysis. Reviewed by Jet Wimp. (4) 76-77.
Anglin, W.S. The Queen of Mathematics: An Introduction to Number Theory. Reviewed by Jet Wimp. (4) 75-76.
Arnol'd, V.I. Catastrophe Theory. Reviewed by Jet Wimp. (4) 73-74.
Barbeau, Edward, Moser, William, and Klamkin, Murray. Five Hundred Mathematical Challenges. Reviewed by Jet Wimp. (4) 78-79.
Bölling, Reinhard, ed. A Photo Album for Weierstrass. Reviewed by R.B. Burckel. (1) 78-79.
Borwein, Peter, and Erdélyi, Tamás. Polynomials and Polynomial Inequalities. Reviewed by Jet Wimp. (3) 76-79.
Dauben, Joseph Warren. Abraham Robinson: The Creation of Non-standard Analysis; A Personal and

- Mathematical Odyssey. Reviewed by Martin Davis. (2) 75-77.
Davis, Philip J. Spirals: From Theodorus to Chaos. Reviewed by Michele Emmer. (1) 75-78.
Erdélyi, Tamás, see Borwein, Peter, and Erdélyi, Tamás. (3) 76-79.
Ferguson, Claire. Helamon Ferguson: Mathematics in Stone and Bronze. Reviewed by J.W. Cannon. (2) 73-75.
Katok, Anatole, and Strelcyn, Jean-Marie. Invariant Manifolds; Entropy and Billiards; Smooth Maps with Singularities. Reviewed by Ya. B. Pesin. (3) 74-75.
Klamkin, Murray, see Barbeau, Edward, Moser, William, and Klamkin, Murray. (4) 78-79.
Kozlov, Valerii, V. and Treschev, Dmitrii V. Billiards, A Genetic Introduction to the Dynamics of Systems with Impacts. Reviewed by Ya. B. Pesin. (3) 74-75.
Lazere, Cathy, see Shasha, Dennis, and Lazere, Cathy. (4) 77-78.
Michalewicz, Zbigniew. Genetic Algorithms + Data Structures = Evolution Programs. Reviewed by Stephen J. Hartley. (3) 75-76.
Moser, William, see Barbeau, Edward, Moser, William, and Klamkin, Murray. (4) 78-79.

- Omnes, Roland.** The Interpretation of Quantum Mechanics. Reviewed by Robert Gilmore. (1) 70-75.
Ostebee, Arnold, and Zorn, Paul. Calculus from Graphical, Numerical, and Symbolic Points of View. Reviewed by Herb Clemens. (4) 67-69.
Prodi, G., see Ambrosetti, A., and Prodi, G., (4) 76-77.
Ransford, Thomas. Potential Theory in the Complex Plane. Reviewed by Jet Wimp. 72.
Shasha, Dennis, and Lazere, Cathy. Out of Their Minds: The Lives and Discoveries of 15 Great Computer Scientists. Reviewed by Jet Wimp. (4) 77-78.
Stenger, Frank. Numerical Methods Based on Sinc and Analytic Functions. Reviewed by Kenneth L. Bowers. (2) 71-73.
Stroock, Daniel W. Probability Theory: An analytic view. Reviewed by Peter Whittle. (3) 71-74.
Székely, Gábor J., ed. Contests in Higher Mathematics: Miklós Schweitzer Competitions 1962-1991. Reviewed by Jet Wimp. (4) 72-73.
Treschev, Dmitrii V., see Kozlov, Valerii V., and Treschev, Dmitrii V. (3) 74-75.

Paul Erdős (1913-1996)

Paul Erdős (Erdős Pál) died 20 September 1996 in Warsaw. He was 83. This premier problem-solver (often in collaboration), prolific problem-proposer, and fiercely honest citizen of the world will be missed by us all. Send *The Intelligencer* your Erdős anecdotes; we will publish a collection of them. In gratitude and wonder.

